

APPLICANT(S): SHARONI, David
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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled.

The listing of the claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims

1. (Currently Amended) A system comprising:

two or more processing units, each coupled to a respective video ~~sensor~~ or an audio sensor and able to receive video or audio data from said sensor and to process said video or audio data according to one or more content-analysis applications installed therein;

an application bank coupled to said processing units, said application bank comprising content-analysis applications; and

a control unit coupled to said processing units and to said application bank, said control unit able to instruct said application bank to install at least one of said content-analysis applications into at least one of said processing units based on an alert received from one or more of said processing units

~~wherein each of said processing units is able to process said video or audio data according to said at least one application installed therein.~~

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2. (Original) The system of claim 1, wherein at least one of said content-analysis applications is a video movement-detecting application, a video based people counting application, a face detection and recognition application, a voice detection and recognition application, an object detection application or a recognition and surveillance application.
3. (Currently Amended) The system of claim 1, wherein said application bank further comprises ~~comprising~~ at least a conversion of speech to text application or a video compression application.
4. (Original) The system of claim 1 further comprising at least one additional processing unit coupled to a sensor, which is a smoke sensor, a fire sensor, a motion detector, a sound detector, a presence sensor, a movement sensor, a volume sensor or a glass breakage sensor.
5. (Original) The system of claim 1 further comprising a database to store indexing data associated with said video or audio data.
6. (Original) The system of claim 1, wherein said application bank, said control unit and said processing units are all coupled via a local area or a wide area network.
7. (Original) The system of claim 1, wherein said processing unit is able to notify said control unit when one of said applications installed in said processing unit detects a predefined condition associated with at least a portion of said audio or video data.

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8. (Currently Amended) A system comprising:

~~two or more~~ a processing unit units, each coupled to a respective video sensor or an audio sensor to receive video or audio data from said sensor, said processing unit able to send an alert when a predefined condition associated with at least a portion of said audio or video data is detected;

an application bank coupled to said processing unit units, said application bank comprising one or more content analysis applications; and

a control unit coupled to said processing unit units and to said application bank, said control unit able to instruct said application bank to install ~~at least one~~ of said applications into ~~at least one of~~ said processing units unit based on said alert;

~~wherein each of said processing units is able to process said video or audio data according to said at least one application installed therein and to notify said control unit when one of said applications installed in said processing unit detects a predefined condition associated with at least a portion of said audio or video data.~~

9. (Cancelled)

10. (Currently Amended) A method comprising:

detecting a predefined condition associated with at least a portion of an audio or video data received from a video or audio sensor;

sending an alert based on the detected predefined condition; and

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~~installing one or more a content-analysis application into a video or audio processing unit applications from an application bank having content-analysis applications into one or more video or audio processing units, said application selected according to said alert received from said processing unit or another processing unit coupled to said application bank according to predetermined criteria; and~~

~~processing input received from a video or audio sensors each coupled to processing unit according to at least one of said applications.~~

11. (Currently Amended) The method of claim 10 further comprising:

~~recording at least a portion of said data input.~~

12. (Currently Amended) The method of claim ~~11~~ 10 further comprising:

~~providing to a client computer recorded data upon receiving a request from said client computer;~~

~~detecting a predefined condition associated with at least one portion of said input; and~~

~~sending a notification associated with said condition to a control unit.~~

13. (Original) The method of claim 10 further comprising:

~~providing to a client computer a real-time stream of video data, audio data or a combination thereof upon receiving a request from said client computer.~~

14. (Original) The method of claim 10, further comprising:

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providing to a client computer a real-time stream of video data, audio data or a combination thereof according to a predetermined time-based schedule.

15. (Original) The method of claim 13 wherein providing said real-time data comprises providing synchronized video data received from at least two sensors.

16. (Original) The method of claim 14 wherein providing said real-time data comprises providing synchronized video data received from at least two sensors.

17. (Original) The method of claim 11 further comprising:

down-loading at least one content-analysis application from said application bank to a client computer;

providing to said client computer recorded data upon receiving a request from said client computer; and

processing said recorded data according to at least one of said installed applications.

18. (Currently Amended) A method comprising:

installing one or more content-analysis applications from an application bank into one or more video or audio processing units, ~~said application selected according to predetermined criteria;~~

processing input received from one or more video or audio sensors each coupled to a respective video or audio processing unit according to at least one of said applications;

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detecting a predefined condition associated with at least one portion of
said input; ~~and~~

sending a notification associated with said condition to a control unit; and

instructing said application bank to install at least one of said content-
analysis applications into at least one of said processing units based on said
notification.

19. (New) The system of claim 1, wherein said control unit is able to instruct one of said processing units to activate or deactivate one of said content-analysis applications already installed in said processing unit based on an alert received from said processing unit or another one of said processing units.

20. (New) The method of claim 17 wherein providing said recorded data comprises providing synchronized video data received from at least two sensors.

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